

Date: Thu, 21 Apr 94 21:04:41 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #441
To: Info-Hams

Info-Hams Digest Thu, 21 Apr 94 Volume 94 : Issue 441

Today's Topics:

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 900 Mhz amateur band transmitter sources ?
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 SS Jeremiah O'Brien Normandy voyage
 WWW-Page for HAMS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Apr 94 14:12:12 GMT
From: sdd.hp.com!col.hp.com!fc.hp.com!jayk@hplabs.hp.com
Subject: 10m opening
To: info-hams@ucsd.edu

Jeffrey R. Luszcz (jrl2@crux1.cit.cornell.edu) wrote:
: I heard (on 10m last night) from my home in Ithaca, NY the 10m Crawfish

: net coming out of La at 9pm/10pm EST. I was pretty amazed.
: -Jeff N2TIQ

Summer E skip season is fast approaching. In the late spring and summer months there will be lots of short skip openings on 10 meters. It can open up anytime of the day or night.

73, Jay K0GU jayk@fc.hp.com

Date: Wed, 20 Apr 1994 13:39:03 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!kd4nc!ke4zv!
gary@network.ucsd.edu
Subject: 900 Mhz amateur band transmitter sources ?
To: info-hams@ucsd.edu

In article <CSLE87-180494144718@145.39.1.10> CSLE87@email.mot.com (Karl Beckman) writes:

>In article <2ohffj\$ftq@scapa.cs.ualberta.ca>, edward@cs.ualberta.ca (Edward >Mantey) wrote:

>> Where can I get a 900 MHz transmitter to experiment with direction
>> finding etc. I am considering tearing a cell phone apart if all else
>> fails (and a 900 Mhz cordless as well). Interested in all power
>> levels (well...almost).

>

>Cellular phones do NOT operate in the amateur band 905-925 MHz (looks funny
>now that the FCC has decided to allocate the top and bottom 3 MHz ends to
>LEO

>Satellite-based vehicle location systems). They utilize 832 channels which
>run from 825-850 MHz transmit and 870-895 MHz receive.

However, the first receiver local oscillator of cellphones *do* cover 915-940 MHz. If you're going to tear into a cellphone, you can use this LO signal as a source. (If you know the service codes, you can lock the phone on any channel you like.) This makes a good cheap signal generator for the 915-925 MHz amateur allocation.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 21 Apr 94 13:10:56 GMT

From: sdd.hp.com!think.com!parish@hplabs.hp.com
Subject: Deviation Control For Standard 5608A
To: info-hams@ucsd.edu

I need to adjust the deviation in my Standard 5608A. Does anyone have a service manual or know the location of the adjustment? Any information would be useful. Thanks

Ed
parish@think.com

Date: 22 Apr 94 00:44:29 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!srigenprp!
alanb@ucbvax.berkeley.edu
Subject: Drake L-4B amp & control cable questions
To: info-hams@ucsd.edu

Sandy Lynch (slay@netcom.com) wrote:

: I am looking for a control cable for use with the Drake L-4B linear
: amplifier; or ... info on where I may obtain the appropriate
: connector(s) for use with same. The L-4B appears to use a rather
: unique two-prong connector.

If you can't find any, I may have one in my junk box. email if you
need it and I'll look.

: I acquired the amp a few months ago - but have kept it in storage.
: Apparently, it was not powered up for at least 3-4 years. Although
: it is cosmetically perfect I am somewhat concerned about the
: reliability of the filter capacitors.

: Suggestions I have received include:

: 1) Run the filaments for at least 24 hrs to de-gas the 3-500Zs.

Never heard of that one.

: 2) Bring up the HV slowly (over many, many hours) using a variac.
: Others say that this is NOT good for the 3-500Zs.

If you're worried it's bad for the 3-500's, then simply remove them first.
I can't think of any reason it would be a problem. The advantage is
that it gives the filter capacitors a chance to reform gradually
rather than instantaneously (poof!)

: 3) Bring up the HV quickly - and hold for 30 seconds. If the
: filter caps are gonna let loose - it'll happen then.
: This comment came from a frequent author on amplifiers who has
: recently appeared in QST as well.

Well, I guess that's one philosophy. I would definitely do the gradual method.

AL N1AL

Date: Wed, 20 Apr 1994 15:47:57 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!swrinde!emory!europa.eng.gtefsd.com!
news.umbc.edu!haven.umd.edu!cs.umd.edu!ra!usenet@network.ucsd.edu
Subject: Exam sessions at Dayton hamvention?
To: info-hams@ucsd.edu

My brother's going to the Dayton Hamvention with me, and is considering getting licensed. Question: will exam sessions be conducted at the hamvention? If yes, then when and where?

-Dave

--

David Drumheller, KA3QBO phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

Date: Wed, 20 Apr 1994 15:03:35 GMT
From: olivea!charnel!yeshua.marcam.com!news.kei.com!eff!news.umbc.edu!cs.umd.edu!
ra!usenet@ames.arpa
Subject: FTP site for FCC question pool
To: info-hams@ucsd.edu

Does anybody know which FTP site has the FCC question pool? I know I've downloaded the questions before, but I lost the host name.

-Dave

--

David Drumheller, KA3QBO phone: (202) 767-3524
Acoustics Division, Code 7140 fax: (202) 404-7732
Naval Research Laboratory
Washington, DC 20375-5350 e-mail: drumhell@claudette.nrl.navy.mil

Date: Wed, 20 Apr 1994 14:02:41 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: HTX-202 Is this a good starter rig?
To: info-hams@ucsd.edu

In article <cslyeCoIMwp.G3v@netcom.com> cslye@netcom.com (Cameron Slye) writes:
>I am wondering if the Radio Shack HTX-202 is a good starter unit? All of the
>ones I have seen in the swap group have been sold, so it looks like I am
>going to buy one brand new. Just want to see if this is what I want before
>the end of the month so I can get it on sale. Is there any other 2m
>hand-held units out there for about the same price?

Yes, the HTX-202 is a good 2 meter HT. The only rig in its price class
is the Alinco 2 meter HT, and it isn't as good at rejecting out of band
signals.

>If I do go with this unit what else should I get? I am
>looking at a MFJ 300watt 5/8 wave ground plane 2m base antenna (MFJ-1750) to
>use when at home, and mabey a MFJ-1728 5/8Wave 2m mobile antenna for the
>auto...And use the ducky that comes with it for handheld usage... Does this
>sound like something that will work for me for a few years? And what about
>cable? The mobile comes with 12 feet, I will need about 50feet to get from
>my room to the top of the antenna tower. Also talking about antenna tower, I
>have a old TV antenna that we dont use so I want to cut the top off, and use
>that as my mounting tower. Does anyone see a problem with that? (Becides
>trying to get up that high :) Is there anything I missed? I am very new the
>the ham radio scene, and want to get something that will work for a bit..
>But dont have alot of money :) Any help will be GREAT!

Comet base and mobile antennas are *much* better than the MFJ antennas you
list. Larsen mobile antennas are also excellent. There should be no problem
mounting your base antenna on an old TV mast as long as it can stand the
wind load. If you remove the old TV antenna first, it probably will. If
the budget is really tight, a copper pipe J-pole will do nicely. You can
make this for less than \$25. As to cable, the *best* flexible cable is
Belden 9913 at about \$0.60 per foot. It's worth it if you're only going to
be running HT power. (Actually I think good cable is always worth it, but it
becomes especially important when you can't afford to lose much power to the
cable.)

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Wed, 20 Apr 1994 13:53:44 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!howland.reston.ans.net!gatech!kd4nc!ke4zv!
gary@network.ucsd.edu
Subject: Illinois anti scanner legislation
To: info-hams@ucsd.edu

In article <hamilton.766771575@BIX.com> hamilton@BIX.com (hamilton on BIX) writes:
>ed@fore.com (Ed Bathgate) writes:

>
>>How can a state contradict a federal law?
>
>I'm no attorney, but I suspect the answer is they can do anything they
>want until someone with enough money to do so decides to challenge them
>in court.

First of all, the FCC *regulation* in question only waives liability
under *FCC regulations* for out of service contacts. It does not offer
blanket immunity from prosecution for violation of federal, state, or
local laws. As I understand this case, the sheriff charged the ham with
interference with an officer because of his transmissions on the sheriff's
dispatch channel. The issue of out of band transmission is only tangential
to this charge since the *method* used to break state law is irrelevant
to the charge.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 22 Apr 94 02:05:53 GMT
From: news-mail-gateway@ucsd.edu
Subject: Luck Hurder ... gone:(Why?
To: info-hams@ucsd.edu

> Subject: Luck Hurder ... gone:(Why?

> Luck Hurder - KY1T, Deputy Manager for the ARRL's Field Services
> Department, was dismissed, this week, by the ARRL management over a
> newly enacted policy issue.

Perhaps we should read the "Subject:" line again and ask "why" instead of
simply crying "wrong."

Typically when someone is "dismissed . . . over a newly enacted policy issue" it is because they refused to abide by the new policy. Why doesn't the writer of this message state what that policy is?

> In my view, the handling of this matter by the ARRL was unfortunate for
> all amateur radio operators.

"This matter"? What matter? What policy?

> that the ARRL understands our displeasure with their actions on this
> issue,

"This issue"? What issue? What matter? What policy?

> I personally have known and worked with Luck for many years

Perhaps this has something to do with it.

> If you believe that this action was not in the best interest of our
> hobby, then I encourage you to contact your respective Division
> Director, listed on Page 8 of QST or Dave Sumner-K1ZZ, ARRL Executive
> Vice President, 225 Main Street, Newington, CT 06111.

Luck Hurder could be a very helpful, hardworking guy. He also had an "attitude" a mile wide that could turn people off. I suggest we find out what the actual issues were before we all rush into the streets to storm the castle.

Dick

Date: 20 Apr 1994 15:48:21 GMT

From: korie!cs.utexas.edu!swrinde!gatech!newsxfer.itd.umich.edu!

zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!bloom-beacon.mit.edu!senator-bedfellow.mit.edu!scotti@ames.arpa

Subject: Mic for F1T

To: info-hams@ucsd.edu

Hi, all --

I have an Alinco DJ-F1T for which I bought a headset/boom mic. I need to attach a remote push-to-talk to the headset. Can anyone tell me how to wire it through the speaker/mic connection. Thanks in advance for any help.

Scotti

N1PUI

Date: 21 Apr 94 18:38:17 GMT
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hp.com
Subject: Pet Peeve
To: info-hams@ucsd.edu

Andrew Mitz (arm@helix.nih.gov) wrote:

: You have hit one of my pet peeves squarely on the head. If I have
: asked for information on speech recognition and I get 1) outdated
: (thus ill-informed) opinions about speech technology,

Well, I'm not an expert on speech-recognition technology, but based on the reading I do in technical publications, I expect you will be disappointed if you depend on it as a way to send Morse code. While there has been remarkable progress in recent years in the field, I believe practical commercial applications are still limited to recognizing specific words or phrases. And even that requires training to a specific speaker's voice characteristics. The most advanced systems are pushing at the problem of general-purpose speech recognition, but the problem is not yet solved, at least using hardware that you could afford.

If there's more recent progress that I'm not aware of, I would be glad if someone could give me a reference.

By the way, if you ask for advice, please don't get mad if you don't get the answer you want. People tend to get gun-shy about posting when they get flamed for trying to help.

AL N1AL

Date: 21 Apr 94 13:57:57 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!genem@hplabs.hp.com
Subject: software for KAM
To: info-hams@ucsd.edu

Since there's lots of take here lately regarding Kantronics software for the MAC, and software for the PK-223, I'll start this one...

Does anyone know of any better PC software for the KAM? I have recently upgraded to the 7.0 version of the KAM and revision 3.2 of their HostMaster II+ software. I am getting more interested in it w/PACTOR and

G-TOR, but don't really like their software package.

So I can have my log open as well, I'm running HostMaster under Windows (which it does just fine).

What I don't like about the package is you must always have an HF and VHF window displayed. You can cut these down to 2-lines but I think it's just implemented badly. Function keys are tripled-up with CTRL & ALT. Even though they tried to make it consistent, they're not easy to remember if you jump around modes. I think radio-buttons would do a much nicer job.

Anyway, a native windows application that would allow me to open a new window for each connection get my bucks. Anyone know of something? Or something in the works?

Thanks, and 73,
Gene

--

```
+-----+
|Gene Marshall          \-\\-\\          email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN          |          Tel: 408/447-5282 |
|Software Svcs & Tech. Division (SST) | ___o          Fax: 408/447-5039 |
|11000 Wolfe Road      L^\\<._          AA6IY@N6LDL.CA.USA.NA |
|Cupertino, CA 95014    (_)/ (_)          CompuServe: 75060,260 |
+-----+
```

Date: Wed, 20 Apr 1994 15:11:17 GMT
From: agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!pineapp@ames.arpa
Subject: software for PK 232
To: info-hams@ucsd.edu

In article <37195.tmedin@che2.che.umn.edu> tmedin@che2.CHe.umn.EDU writes:
>Does anyone know of better software (windows or dos) than Pakrat? I would
>like something a little more friendly, and that exhibits fewer freze-ups.
>If it could send graphics, that would be a bonus. I've looked in the ham
>mags, and can't seem to find anything. I've heard that Pk-gold is good,
>but can't locate a source. I need sources for all recomendations. Thanks
>to all respondants.

>

>Tom Medin
>tmedin@che2.che.umn.edu
>NOUFM

Just upgraded my firmware (version 7) and software (version 5.5a)
I have seen a much better intefaced. It even supports a mouse.

With the mouse I can click on any parameter ie standby to listen.
I also have noticed no more serial line link disable.

--

```
.-----+-----.  
| INTERNET: pineapp@netcom.com      (DC436)   | Daniel Curry  WB6STW   |  
| AMPRNET  : dan@wb6stw.ampr.org    [44.4.20.144] | E-:-) Ham Radio Operator |  
| AX.25    : wb6stw@n0ary.#NOCAL.CA.USA.NA    | Redwood City, CA USA   |  
'-----+-----'
```

Date: 22 Apr 94 00:16:46 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!srigenprp!
alanb@ucbvax.berkeley.edu
Subject: speech recognition [was: Pet Peeve]
To: info-hams@ucsd.edu

Goh Kawai N6UOK (kawai@Csl.Stanford.EDU) wrote:

[Info on the state of the art in speech recognition]

Thanks for the info. It's nice to get well-informed commentary.
(A rarity on the Internet! :=)

AL N1AL

Date: 21 Apr 94 20:46:00 GMT
From: unix.sri.com!headwall.Stanford.EDU!Csl.Stanford.EDU!kawai@hplabs.hp.com
Subject: speech recognition [was: Pet Peeve]
To: info-hams@ucsd.edu

Alan Bloom (N1AL, alanb@sr.hp.com) comments:

```
| ... I'm not an expert on speech-recognition technology, but based on  
| the reading I do in technical publications ... practical commercial  
| applications are still limited ... advanced systems are pushing at  
| the problem ... but the problem is not yet solved, at least using  
| hardware that you could afford
```

I work at a lab of about thirty people researching and developing speech
recognition technology. Maybe I can shed some light on this issue.

Alan is correct in many ways, although I imagine many researchers in
speech recognition would hasten to correct him.

I believe the key notion here is "affordable". You see, on the one hand, there do exist high-end systems that support large vocabularies (25,000 to 50,000 words), continuous speech (you don't have to pause between words), and speaker-independence (any person can talk to the system). On the other hand, these systems are very expensive for ordinary folks off the street, like you and me. We're hams, not Fortune 500 companies!

Systems that are affordable -- and we're still looking at \$3,000 to \$7,000 here for systems with reasonable performance -- are in fact limited in vocabulary size (3,000 to 5,000 words), require isolated words (you - speak - like - this), and are speaker-dependent (works very well for you after you train it for half an hour). Many people find this level of performance adequate. Some are very happy with it. Others find it lacking, or unacceptable.

So Al is right. We've still got a ways to go.

Good news is that as computers become more powerful and fall in cost, it becomes easier to run high-end speech recognition systems. This is because most high-end speech recognition systems require powerful workstations to run. A significant portion of cost nowadays is hardware. In a few years, most folks can have access to reasonable systems, without the need for specialized DSP boards. Your IBM PC with a SoundBlaster board will be perfectly sufficient. Most current speech recognition systems are being designed completely in software.

**** disclaimer ****

Please note my opinion is purely my own, and is not necessarily the view of my employer nor my colleagues. The abovementioned performance specifications are typical figures found across various systems, and are not necessarily representative of my employer's products. I have absolutely no intent to market my employer's products or services.

	SRI International		work:(415)859-2231
	Speech Technology and Research		fax:(415)859-5984
Goh Kawai	Menlo Park, CA 94025-3493 USA		home:(415)323-7214
	internet: kawai@speech.sri.com		radio: N6UOK and 7L1FQE

Date: 20 Apr 1994 15:58:48 GMT
From: agate!library.ucla.edu!csulb.edu!paris.ics.uci.edu!news.claremont.edu!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!sookit!rspear@ames.arpa
Subject: SS Jeremiah O'Brien Normandy voyage
To: info-hams@ucsd.edu

John Wilson (wilsonjh@netcom.com) wrote:

: Monday the SS Jeremiah O'Brien left San Francisco for Normandy for the
: festivities being held June 6 to comemorate the 25th anniversary of the
: Normandy invasion. This is the last operating Liberty Ship, and is crewed
: by volunteers. Does anybody know if they have an amateur operation? Any
: info about call signs, skeds, etc. would be appreciated.

25th anniversary of the normandy invasion? which invasion was that???

regards, richard kd6lwd

rspear@sookit.jpl.nasa.gov
all disclaimers apply

Date: 21 Apr 94 13:46:34 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!genem@hplabs.hp.com
Subject: WWW-Page for HAMS
To: info-hams@ucsd.edu

Gene Marshall (genem@cup.hp.com) wrote:

: Also check out:
:
: <http://server.systemtechnik.tu-ilmenau.de/ham.html>

Sorry, I ment: <http://www.acs.ncsu.edu/HamRadio/>

Date: 20 Apr 1994 15:36:38 GMT
From: agate!library.ucla.edu!europa.eng.gtefsd.com!gatech!news-
feed-1.peachnet.edu!news.duke.edu!acpub.duke.edu!thomasr@ames.arpa
To: info-hams@ucsd.edu

References <2ouqd3\$206@cville-srv.wam.umd.edu>, <2p103h\$8c7@clarknet.clark.net>,
<dgfCoKCo6.GnC@netcom.com>feed-1.p
Subject : Re: Missing: Good HF Propagation

Distribution:s
tribution: UO
Srganization: Duke University; Durham, NC; USA
Keywords:

I'm new, new, new to 10-meters so take this with a grain of salt!!
Yesterday afternoon and evening was the best activity I've heard for the
past month. Using a trimmed CB mag mount antenna on a steell filing

cabinet, I picked up Venezuela, Argentina, Monserat, California, Mexico,
Louisiana, and some others.

I wonder how transient this opening is/will be.

.

End of Info-Hams Digest V94 #441
